



Attorney's Docket No.: 07039-294001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard G. Vile et al.

Art Unit : 1632

Serial No. : 09/721,391

Examiner : Liping Chen

Filed : November 22, 2000

Title : GENE EXPRESSION BY POSITIVE FEEDBACK ACTIVATION OF A CELL
TYPE-SPECIFIC PROMOTER

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Commissioner for Patents
Washington, DC 20231

RESPONSE

In response to the action mailed August 27, 2002, please amend the application as follows.

In the specification:

Please replace the paragraph beginning at page 5, line 9 with the following rewritten paragraph:

a1 -- Figures 3A and 3B illustrate the high selectivity of a human tyrosinase 300 base pair (base pair) promoter element using a nested RT-PCR assay. Figure 3A indicates that the Tyr115 base pair promoter is not completely inactive in non-melanoma cells. RT-PCR to determine expression of the CAT gene under the control of the Tyr115 base pair promoter was performed using RNA from a range of non-melanoma lines (lanes 2 and 3, HT1080; lanes 4 and 5, 293; lanes 12 and 13, A378M). Reverse transcriptase was omitted in the odd numbered lanes. Expression is observed in at least 2 non-melanoma cell lines (293, lane 4 and Tel CeB6, lane 6). Figure 3B shows the same RT-PCR assay of Figure 3A repeated to determine the expression of a CAT gene under the control of the Tyr300 promoter. Lane assignments are the same as those in Figure 3A. --

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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